MOLECULAR GENETIC BASIS OF CELL AND TISSUE STRUCTURE AND FUNCTION

Conference Chairperson: Sheldon Penman, Department of Biology, Massachusetts Institute of Technology, Cambridge, MA

Conference Co-Chairperson: Gary Stein, Department of Cell Biology, University of Massachusetts Medical School, Worcester, MA

SESSION I: **Nuclear Architecture and Transcription**

Chairperson: Sheldon Penman (Massachusetts Institute of Technology, Cambridge, MA)

Gordon Hager (National Institutes of Health, Bethesda, MD)
Laura Manuelidis (Yale University, New Haven, CT)
Ron Berezney (State University of New York at Buffalo, Buffalo, NY)
Roel van Driel (University of Amsterdam, Amsterdam, The Netherlands)

SESSION II: **Nuclear Architecture and RNA Processing**

Chairperson: Gunter Blobel (Rockefeller University, New York, NY)

Jeanne Lawrence (University of Massachusetts Medical School, Worcester, MA)
William Brinkley (Baylor College of Medicine, Houston, TX)
William Earnshaw (Johns Hopkins University School of Medicine, Baltimore, MD)

SESSION III: **Cytoarchitecture: mRNA Localization and Protein Targeting**

Chairperson: Robert Singer (University of Massachusetts Medical School, Worcester, MA)

Alice Fulton (University of Iowa, Iowa City, IA)
Robert Goldman (Northwestern University Medical School, Chicago, IL)
Benjamin Geiger (Weizmann Institute of Science, Rehovot, Israel)

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SESSION IV: **Extracellular Matrix and Gene Expression**

Chairperson: Stephen Farmer (Boston University School of Medicine, Boston, MA)

Gail Sonenshein (Boston University School of Medicine, Boston, MA)
Lola Reid (Albert Einstein College of Medicine, Bronx, NY)
Margaret Stanley (University of Cambridge, Cambridge, England)

SESSION V: **Contributions of Cell Shape and Tissue Organization to Regulation of Gene Expression**

Chairperson: Jane Lian (University of Massachusetts Medical School, Worcester, MA)

Don Cleveland (Johns Hopkins University, Baltimore, MD)
Avri Ben-Ze'ev (Weizmann Institute of Science, Rehovot, Israel)
Thomas Kreis (University of Geneva, Geneva, Switzerland)

SESSION VI: **Regulation of Structural Parameters of Cell and Tissue Organization**

Chairperson: Gary Stein (University of Massachusetts Medical School, Worcester, MA)

Thomas Spelsberg (Mayo Clinic and Graduate School of Medicine, Rochester, MN)
Don Ingber (Harvard Medical School, Boston, MA)

SESSION VII: **Molecular Parameters of Growth and Tissue Remodeling**

Chairperson: Arthur Pardee (Harvard Medical School, Boston, MA)

Michael Klagsbrun (Harvard Medical School, Boston, MA)
Ken Pienta (Johns Hopkins School of Medicine, Baltimore, MD)
Don Coffey (Johns Hopkins School of Medicine, Baltimore, MD)

SESSION VIII: **Regulation of Gene Expression During Organ Development**

Chairperson: Merton Bernfield (Harvard Medical School, Boston, MA)

Nancy Bucher (Boston University School of Medicine, Boston, MA)
James Rheinwald (Biosurface Technologies, Cambridge, MA)
Lawrence True (University of Washington Medical Center, Seattle, WA)

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SESSION IX: **Alternations of Cell and Tissue Architecture with Malignancy**

Chairperson: David Denhardt (Rutgers University, Piscataway, NJ)

Robert Hoffman (University of California at San Diego, La Jolla, CA)
Ruth Sager (Harvard Medical School, Boston, MA)
Noel Weidner (University of California, San Francisco, CA)

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